(19) World Intellectual Property Organization International Bureau



1011 10111 101111 101111 10111 1011 1011 1011 1011 1011 1011 1011 1011 1011

(43) International Publication Date 18 December 2003 (18.12.2003)

PCT

(10) International Publication Number WO 03/103991 A1

(51) International Patent Classification7: H05B 6/80 B60C 19/00,

(21) International Application Number: PCT/GB03/02416

(22) International Filing Date: 3 June 2003 (03.06.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0213133.2

7 June 2002 (07.06.2002) GB

0222839.3

2 October 2002 (02.10.2002) G

(71) Applicant (for all designated States except US): IMWRO LTD [GB/GB]; PO Box 95, 2a Lord Street, Douglas, Isle of Man IM99 1HP (GB).

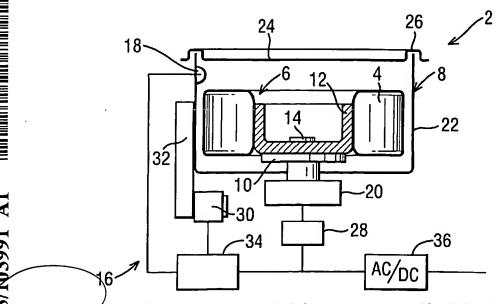
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HEPWORTH, Stuart [GB/GB]; New Laithe Farm, Deanhouse, Holmfirth,

West Yorkshire HD9 3TD (GB). ANDREWS, Gordon, Thomas [GB/GB]; 1 Montague Terrace, Durham Road, Bromley, Kent BR2 0SZ (GB).

- (74) Agent: JONES, Graham, Henry; Graham Jones & Company, 77 Beaconsfield Road, Blackheath, London SE3 7LG (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: APPARATUS FOR WARMING A TYRE ON A WHEEL TO A TEMPERATURE REQUIRED FOR VEHICLE RACING



(57) Abstract: Apparatus (2) for warming a tyre (4) on a wheel (6) to a temperature required for vehicle racing, which apparatus (2) comprises a container (8) in which the tyre (4) is heated, mounting means (10) which is positioned in the container (8) and on which the wheel (6) is mounted, generator means (16) for generating electromagnetic energy of a frequency that heats the tyre (4), temperature indicator means (18) for indicating the temperature of the tyre (4), and control means for controlling the operation of the apparatus (2) such that the tyre (4) is controllably heated to a temperature required for vehicle racing.